BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
1	Levelling course using Flexible Cementatious Material A concrete mix in the ratio 1:1.5:3 (1:cement : 1.5 quartz powder : 3 graded stone) is laid to make haunch at junction of parapet and roof slab and at damaged portions to drain off water. The factory made dry CEMENTATIOUS silica sand power consisting of dry cement mortar (1 cement : 4 silica sand) shall be mixed with additives like ISOPROOF chemical and acrylic polymer and water to arrive at workable consistency. The same shall be applied over the prepared surface to give even surface and act as base for geotextile fabric.									
		Sqm	1	30.25	15.95		482.49			
						Total Executed Quantity	**482.49**			
						Tender Quantity	**427.26**			
						Quantity Upto 125%	**482.49**			
						Quantity Upto tender				
						Quantity Upto 125%	**482.49**	**922.00**	**444854.0**	
2	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 550									
	Column	MT		from Steel Calculation Sheet			2.93			
	Lintel	MT		from Steel Calculation Sheet			0.67			
	Chajja	MT		from Steel Calculation Sheet			0.09			
	Slab	MT		from Steel Calculation Sheet			0.07			
						Total Executed Quantity	**3.75**			
						Tender Quantity	**0.29**			
						Quantity Upto 125%	**0.36**	**82730.00**	**29907.0**	
						Quantity Above 125%	**3.39**	**81912.43**	**277634.0**	
3	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800 kg/m3 Having aq minimum average compressive strength of 5.00 N.mm2 confirming to IA 2185 (Part q) 2005 and constructed with CM 1:4 as [er IS 2572:2005 including cost of all materials labour charges, scaffolding. curing hire charges of machineries etc as per specifications Solid concrete blocks of Size 400x200x200 mm									
	Longer Direction	Sqm	1	30.0		5.05	151.50			
		Sqm	1	0.65		5.05	3.28			
	Shorter Direction	Sqm	1	15.95		6.82	108.78			
	Changing Room	Sqm	1	10.27		2.85	29.27			
		Sqm	1	5.56		2.85	15.85			
	Near Staircase	Sqm	2	4.72		0.4	3.78			
		Sqm	1	3.27		2.85	9.32			
		Sqm	1	7.05		2.85	20.09			
	Deduction									
	Window	Sqm	-12	1.2		1.5	-21.60			
	V	Sqm	-4	0.6		0.6	-1.44			
	Doors									
	In Gym Area	Sqm	-1	0.75		2.1	-1.58			
	Near Staircase	Sqm	-1	1.5		2.25	-3.38			
	Changing Room	Sqm	-2	0.9		2.4	-4.32			
						Total Executed Quantity	**309.56**			
						Tender Quantity	**223.67**			
						Quantity Upto 125%	**279.59**	**1084.00**	**303073.0**	
						Quantity Above 125%	**29.97**	**1044.55**	**31303.0**	
4	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications.									
	Toilet	Sqm	2	3.04		2.85	17.33			
		Sqm	4	1.56		2.85	17.78			
	Deduction									
	Doors	Sqm	-4	0.75		2.1	-6.30			
						Total Executed Quantity	**28.812**	**968.00**	**27891.0**	
						Tender Quantity	**54.46**			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
5	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., for all super structure works with all lead and liftete., complete. (exculsive of cost of steel and fabricationcharges)									
	Lintel									
	Longer Direction	Cum	1	30	0.20	0.20	1.20			
		Cum	1	0.65	0.20	0.20	0.03			
	Shorter Direction	Cum	1	15.95	0.20	0.20	0.64			
	Changing Room	Cum	1	10.27	0.20	0.20	0.41			
		Cum	1	5.56	0.20	0.20	0.22			
	Near Staircase	Cum	2	4.72	0.20	0.20	0.38			
		Cum	1	3.27	0.20	0.20	0.13			
		Cum	1	7.05	0.20	0.20	0.28			
	Toilet	Cum	2	3.04	0.20	0.20	0.24			
		Cum	4	1.56	0.20	0.20	0.25			
	Column									
	C1	Cum	3	4.35		0.94	12.30			
				Circular Column of Dia 0.3m						
	C2	Cum	1	4.35		0.94	4.10			
				Circular Column of Dia 0.3m						
	C3	Cum	2	4.35		0.94	8.20			
				Circular Column of Dia 0.3m						
	C4	Cum	1	2.85	0.60	0.30	0.51			
	C5	Cum	2	4.05	0.60	0.30	1.46			
	C8	Cum	2	4.05	0.60	0.30	1.46			
	C9	Cum	5	4.05	0.60	0.30	3.65			
	C10	Cum	3	4.05	0.60	0.30	2.19			
	C11	Cum	2	4.05	0.60	0.30	1.46			
	Slab at Toilet	Cum	1	6.28	1.66	0.12	1.25			
						Total Executed Quantity	**40.3490**			
						Tender Quantity	**2.18**			
						Quantity Upto 125%	**2.725**	**6302.00**	**17173.0**	
						Quantity Above 125%	**37.624**	**6235.23**	**234595.0**	
6	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications									
	Chajja									
	Near Door	Sqm	1	6.23	0.6		3.74			
	Windows	Sqm	10	1.5	0.6		9.00			
	V	Sqm	4	0.9	0.6		2.16			
						Total Executed Quantity	**14.90**	**510.00**	**7598.0**	
						Tender Quantity	**15.00**			
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.									
	Lintel									
	Longer Direction	Sqm	1	30	0.6		18.00			
		Sqm	1	0.65	0.6		0.39			
	Shorter Direction	Sqm	1	15.95	0.6		9.57			
	Changing Room	Sqm	1	10.27	0.6		6.16			
		Sqm	1	5.56	0.6		3.34			
	Near Staircase	Sqm	2	4.72	0.6		5.66			
		Sqm	1	3.27	0.6		1.96			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Sqm	1	7.05	0.6		4.23			
		Sqm	2	3.04	0.6		3.65			
		Sqm	4	1.56	0.6		3.74			
						Total Executed Quantity	**56.706**			
						Tender Quantity	**32.76**			
						Quantity Upto 125%	**40.95**	**490.00**	**20066.0**	
						Quantity Above 125%	**15.756**	**461.57**	**7273.0**	
8	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels e tc., including edges including cost of all materials, labour complete as per specificaitons.									
	Chajja									
	Near Door	Sqm	1	6.23	0.6		3.74			
	Windows	Sqm	10	1.5	0.6		9.00			
	V	Sqm	4	0.9	0.6		2.16			
						Total Executed Quantity	**14.90**	**400.00**	**5960.0**	
						Tender Quantity	**15.00**			
9	Providing and Constructing Standard Rubber Flooring for Indoor Areas using Rubber Memberain of 12mm to 16mm thick, to be layed over Prepared Cement Morter/Concrete surface using CM 1:6 Beneath rubber memvrain including cost of all materials, labour,packing joints and mortar, finishing, curing all lead & lift , transportation and also including all applicable taxes etc., complere as per firection of Engineer in Chrage of Work									
		Sqm	1	23.4	15.95		373.23			
	Deduction									
		Sqm	-1	5.03	3.88		-19.52			
						Total Executed Quantity	**353.714**			
						Tender Quantity	**290.00**			
						Quantity Upto 125%	**353.714**	**5132.00**	**1815259.0**	
10	Providing 18mm thick Internal cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.									
	Longer Direction	Sqm	1	30		5.05	151.50			
		Sqm	1	0.65		5.05	3.28			
	Shorter Direction	Sqm	1	15.95		6.82	108.78			
	Changing Room	Sqm	2	10.27		2.85	58.54			
		Sqm	2	5.56		2.85	31.69			
	Near Staircase	Sqm	4	4.72		0.4	7.55			
		Sqm	2	3.27		2.85	18.64			
		Sqm	2	7.05		2.85	40.19			
	Toilet	Sqm	2	3.04		2.85	17.33			
		Sqm	2	1.56		2.85	8.89			
		Sqm	8	1.56		0.45	5.62			
		Sqm	2	2.74		0.45	2.47			
		Sqm	1	6.28	1.66		10.42			
		Sqm	4	1.35	1.64		8.86			
	Deduction									
	Window	Sqm	-12	1.2		1.5	-21.60			
	V	Sqm	-4	0.6		0.6	-1.44			
	Doors									
	In Gym Area	Sqm	-1	0.75		2.1	-1.58			
	Near Staircase	Sqm	-1	1.5		2.25	-3.38			
	Doors	Sqm	-8	0.75		2.1	-12.60			
	Changing Room	Sqm	-4	0.9		2.4	-8.64			
	C4	Sqm	-1	2.85		1.2	-3.42			
	C8	Sqm	-1	2.85		1.2	-3.42			
	C9	Sqm	-1	2.85		1.2	-3.42			
	Columns									
	C1	Sqm	3	4.35		0.94	12.30			
	C2	Sqm	1	4.35		0.94	4.10			
	C3	Sqm	2	4.35		0.94	8.20			
	C4	Sqm	1	2.85		1.80	5.13			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	C5	Sqm	2	4.05		1.80	14.58			
	C8	Sqm	2	4.05		1.80	14.58			
	C9	Sqm	5	4.05		1.80	36.45			
	C10	Sqm	3	4.05		1.80	21.87			
	C11	Sqm	2	4.05		1.80	14.58			
						Total Executed Quantity	**546.05**			
						Tender Quantity	**540.69**			
						Quantity Upto 125%	**546.05**	**323.00**	**176375.0**	
11	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering									
	External Plastring									
	Longer Direction	Sqm	1	30		5.05	151.50			
		Sqm	1	0.65		5.05	3.28			
	Shorter Direction	Sqm	1	15.95		6.82	108.78			
	Chajja									
	Near Door	Sqm	2	6.23	0.6		7.48			
		Sqm	1	6.23		0.15	0.93			
	Windows	Sqm	20	1.5	0.6		18.00			
		Sqm	10	1.5		0.15	2.25			
	V	Sqm	8	0.9	0.6		4.32			
		Sqm	4	0.9		0.15	0.54			
	Deduction									
	Circular Columns	Sqm	-6	4.35		0.3	-7.83			
	Rectangular Columns	Sqm	-3	4.05		0.6	-7.29			
	Window	Sqm	-12	1.2		1.5	-21.60			
	V	Sqm	-4	0.6		0.6	-1.44			
	Doors	Sqm	-1	0.75		2.1	-1.58			
						Total Executed Quantity	**257.347**			
						Tender Quantity	**179.10**			
						Quantity Upto 125%	**223.875**	**312.00**	**69849.0**	
						Quantity Above 125%	**33.47**	**298.93**	**10006.0**	
12	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications									
	Longer Direction	Sqm	1	30		5.05	151.50			
		Sqm	1	0.65		5.05	3.28			
	Shorter Direction	Sqm	1	15.95		6.82	108.78			
	Changing Room	Sqm	2	10.27		2.85	58.54			
		Sqm	2	5.56		2.85	31.69			
	Near Staircase	Sqm	4	4.72		0.4	7.55			
		Sqm	2	3.27		2.85	18.64			
		Sqm	2	7.05		2.85	40.19			
	Toilet	Sqm	1	3.04		2.85	8.66			
		Sqm	2	1.56		2.85	8.89			
	Deduction									
	Window	Sqm	-12	1.2		1.5	-21.60			
	V	Sqm	-4	0.6		0.6	-1.44			
	Doors									
	In Gym Area	Sqm	-1	0.75		2.1	-1.58			
	Near Staircase	Sqm	-1	1.5		2.25	-3.38			
	Doors	Sqm	-8	0.75		2.1	-12.60			

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NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Changing Room	Sqm	-4	0.9		2.4	-8.64			
	C4	Sqm	-1	2.85		1.2	-3.42			
	C8	Sqm	-1	2.85		1.2	-3.42			
	C9	Sqm	-1	2.85		1.2	-3.42			
	Columns									
	C1	Sqm	3	4.35		0.94	12.30			
	C2	Sqm	1	4.35		0.94	4.10			
	C3	Sqm	2	4.35		0.94	8.20			
	C4	Sqm	1	2.85		1.8	5.13			
	C5	Sqm	2	4.05		1.8	14.58			
	C8	Sqm	2	4.05		1.8	14.58			
	C9	Sqm	5	4.05		1.8	36.45			
	C10	Sqm	3	4.05		1.8	21.87			
	C11	Sqm	2	4.05		1.8	14.58			
						Total Executed Quantity	**510.02**	**89.00**	**45393.0**	
						Tender Quantity	**540.69**			
13	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer)									
	Longer Direction	Sqm	1	30		5.05	151.50			
		Sqm	1	0.65		5.05	3.28			
	Shorter Direction	Sqm	1	15.95		6.82	108.78			
	Changing Room	Sqm	2	10.27		2.85	58.54			
		Sqm	2	5.56		2.85	31.69			
	Near Staircase	Sqm	2	3.88		2.85	22.12			
		Sqm	4	4.72		2.85	53.81			
		Sqm	2	7.05		2.85	40.19			
	Toilet	Sqm	1	3.04		2.85	8.66			
		Sqm	2	1.56		2.85	8.89			
	Deduction									
	Window	Sqm	-12	1.2		1.5	-21.60			
	V	Sqm	-4	0.6		0.6	-1.44			
	Doors									
	In Gym Area	Sqm	-1	0.75		2.1	-1.58			
	Near Staircase	Sqm	-1	1.5		2.25	-3.38			
	Doors	Sqm	-8	0.75		2.1	-12.60			
	Changing Room	Sqm	-4	0.9		2.4	-8.64			
	C4	Sqm	-1	2.85		1.2	-3.42			
	C8	Sqm	-1	2.85		1.2	-3.42			
	C9	Sqm	-1	2.85		1.2	-3.42			
	Columns									
	C1	Sqm	3	4.35		0.94	12.30			
	C2	Sqm	1	4.35		0.94	4.10			
	C3	Sqm	2	4.35		0.94	8.20			
	C4	Sqm	1	2.85		1.8	5.13			
	C5	Sqm	2	4.05		1.8	14.58			
	C8	Sqm	2	4.05		1.8	14.58			
	C9	Sqm	5	4.05		1.8	36.45			
	C10	Sqm	3	4.05		1.8	21.87			
	C11	Sqm	2	4.05		1.8	14.58			
	Swimming Pool Bulding									
	Hall	Sqm	1	5.72		3.05	17.45			
		Sqm	1	5.85		3.05	17.84			
		Sqm	1	9.27		3.05	28.27			
		Sqm	2	5.1		3.05	31.11			
		Sqm	1	3.42		3.05	10.43			

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MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Beams	Sqm	2	5.72		1.23	14.07			
		Sqm	1	3.42		1.23	4.21			
	Celing	Sqm	1	5.72	9.27		53.02			
	Deduction									
	MD	Sqm	-2	2.37		2.09	-9.91			
	D	Sqm	-1	1.2		2.1	-2.52			
	W	Sqm	-2	2		1.5	-6.00			
						Total Executed Quantity	**717.735**			
						Tender Quantity	**540.69**			
						Quantity Upto 125%	**675.863**	**103.00**	**69614.0**	
						Quantity Above 125%	**41.87**	**103.08**	**4317.0**	
14	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to givean even shade after throughly brooming the surface to remove all dirtand loose powdered material, free from mortar drops and other foreign matter cost of materials, labours,complete as per specifications.									
	External Plastring									
	Longer Direction	Sqm	1	30		5.05	151.50			
		Sqm	1	0.65		5.05	3.28			
	Shorter Direction	Sqm	1	15.95		6.82	108.78			
	Chajja									
	Near Door	Sqm	2	6.23	0.6		7.48			
		Sqm	1	6.23		0.15	0.93			
	Windows	Sqm	20	1.5	0.6		18.00			
		Sqm	10	1.5		0.15	2.25			
	V	Sqm	8	0.9	0.6		4.32			
		Sqm	4	0.9		0.15	0.54			
	Parapet Wall	Sqm	1	30.00		0.85	25.50			
		Sqm	1	0.65		0.85	0.55			
	Deduction									
	Window	Sqm	-12	1.2		1.5	-21.60			
	V	Sqm	-4	0.6		0.6	-1.44			
	Doors	Sqm	-1	0.75		2.1	-1.58			
	Compound Wall									
	North Side									
		Sqm	1	5.45		2.7	14.72			
		Sqm	1	4.19		0.6	2.51			
		Sqm	1	4.19	0.21		0.88			
	Swimming Pool Dead end									
		Sqm	2	13.85		2.05	56.79			
		Sqm	2	15		1.78	53.40			
		Sqm	2	15		1.78	53.40			
		Sqm	2	3.2		1.78	11.39			
	On Top Face									
		Sqm	1	13.85	0.2		2.77			
		Sqm	1	15	0.2		3.00			
		Sqm	1	15	0.2		3.00			
		Sqm	1	3.2	0.2		0.64			
	Near Bulding North									
		Sqm	2	6.23		2.33	29.03			
		Sqm	1	6.23	0.2		1.25			
	West Side									
		Sqm	1	19.15		0.58	11.11			
		Sqm	1	19.15	0.21		4.02			
	South Side									
		Sqm	1	15		0.35	5.25			
		Sqm	1	15		0.5.	15.00			
		Sqm	1	15		0.56	8.40			
		Sqm	1	2.25		0.55	1.24			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	On Top									
		Sqm	1	15	0.3		4.50			
		Sqm	1	15	0.3		4.50			
		Sqm	1	15	0.3		4.50			
		Sqm	1	2.25	0.3		0.68			
	East Side									
		Sqm	1	11.7	0.52		6.08			
		Sqm	2	11.7		0.55	12.87			
	Gate	Sqm	1	0		2.85	0.00			
		Sqm	2	15		2.56	76.80			
		Sqm	2	15		2.56	76.80			
		Sqm	2	15		2.56	76.80			
		Sqm	2	15		2.56	76.80			
		Sqm	2	12.93		2.56	66.20			
	Gate	Sqm	1	0		2.57	0.00			
		Sqm	2	12.18		2.56	62.36			
	Swimming Pool Bulding									
	North Side									
		Sqm	1	10.7		3.05	32.64			
		Sqm	1	3.47		3.05	10.58			
		Sqm	1	5.7		3.05	17.39			
		Sqm	1	3.67		3.05	11.19			
		Sqm	1	10.69		3.05	32.60			
	Beams	Sqm	6	1.2		1.27	9.14			
		Sqm	4	4.1		1.27	20.83			
		Sqm	1	30.0		1.27	38.10			
		Sqm	1	0.64		1.27	0.81			
	Plinth Beam	Sqm	1	30.0		0.52	15.60			
		Sqm	1	0.64		0.52	0.33			
	Steps	Sqm	6	0.40		0.55	1.32			
		Sqm	6	0.40		0.37	0.89			
		Sqm	6	0.40		0.17	0.41			
	Celing	Sqm	1	27.14	1.2		32.57			
		Sqm	1	7.53	3.57		26.86			
	West Side	Sqm	1	12.6		3.95	49.77			
	East Side	Sqm	1	12.6		4.33	54.56			
	South Side	Sqm	1	30.0		3.05	91.50			
		Sqm	1	0.79		3.05	2.41			
	Beams	Sqm	6	1.81		1.25	13.58			
		Sqm	1	30		1.25	37.50			
		Sqm	1	0.79		1.25	0.99			
		Sqm	2	2.92		1.25	7.30			
		Sqm	1	5.86		1.25	7.33			
	Celing	Sqm	1	28.81	2.1		60.50			
	Plinth Peam	Sqm	1	30		0.49	14.70			
		Sqm	1	0.79		0.49	0.39			
		Sqm	2	2.14		0.49	2.10			
	Columns	Sqm	6	1.13		2.75	18.65			
	Deduction									
	MD	Sqm	-2	2.37		2.09	-9.91			
	W	Sqm	-4	2		1.5	-12.00			
	W1	Sqm	-1	2.5		1.5	-3.75			
	D	Sqm	-1	1.2		2.1	-2.52			
	D1	Sqm	-1	1.18		2.08	-2.45			
	V	Sqm	-9	0.88		0.55	-4.36			
	V1	Sqm	-6	0.65		0.56	-2.18			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Name Board	Sqm	-1	5.66		3.05	-17.26			
		Sqm	-1	2.08		1.99	-4.14			
		Sqm	-1	2.16		0.55	-1.19			
						Total Executed Quantity	**1597.963**			
						Tender Quantity	**179.10**			
						Quantity upto 125%	**223.875**	**121.00**	**27089.0**	
						Quantity above 125%	**1374.09**	**116.82**	**160528.0**	
15	Providing and fixing Double shutter glass door of 12mm thick frosted toughened glass of approved make. The door is fixed by using any approved make hardware fitting like patch fitting, pivot, floor machine, locking arrangements and suitable SS door rails with floral glass etching for 1/3 portion of door area etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, as per specifications.									
	Near Staircase	Sqm	1	1.61		2.3	3.70			
		Sqm	2	3.6		2.4	17.28			
						Total Executed Quantity	**20.983**			
						Tender Quantity	**2.88**			
						Quantity upto 125%	**3.60**	**9740.00**	**35064.0**	
						Quantity above 125%	**17.383**	**9744.55**	**169390.0**	
16	Providing Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications.									
	Door	Cum	1	4.95	0.13	0.15	0.09			
						Total Executed Quantity	**0.09**	**69315.00**	**6434.0**	
						Tender Quantity	**0.38**			
17	Providing and fixing factory made splendoor of solid core single leaf rigid composite polymer laminated sal wood, door shutter of required thickness, manufactured out of solid core door conforming to IS 2202 (Part-1) 1991, laminated with 0.8 mm thick polymer, termite, water resistant and fire retardant with superior gluing based on vacuum lamination technology and with various pre moulded design on both faces conforming to IS 6307-1985, using adhesive conforming to IS 4835-1979 and door shuters tested in conformation to IS 4020-1994. The finish of shutters will be TEAK/CEDAR/ROSE WOOD/WALNUT, plain colurs WHITE/IVORY/BEIGE/LIGHT GREY. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. with door shutter 35mm thick									
	Door	Sqm	1	0.75		2.1	1.58			
						Total Executed Quantity	**1.58**	**4354.00**	**6858.0**	
						Tender Quantity	**6.30**			
18	Providing & fixing factory made SOLID PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.									
	Bathroom Door	Sqm	4	0.75		2.1	6.30			
						Total Executed Quantity	**6.30**	**540.00**	**3402.0**	
						Tender Quantity	**12.60**			
19	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.									
	Bathroom Door	Sqm	4	0.75		2.1	6.30			
						Total Executed Quantity	**6.30**	**3183.00**	**20053.0**	
						Tender Quantity	**12.60**			
20	Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.									
		Nos	1				1.00			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
						Total Executed Quantity	**1.00**	**1568.00**	**1568.0**	
						Tender Quantity	**11.00**			
21	3 track x 2 Panel with mesh Specification for UPVC windows Providing & fixing of 3track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame havinga overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 30mm x 48.5mm. Glazing bead for fixing of glass shall be of size 20mm x 24mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2119mm.									
	Windows	Sqm	12	1.2		1.5	21.60			
						Total Executed Quantity	**21.600**	**6496.00**	**140314.0**	
						Tender Quantity	**39.75**			
22	Specification for UPVC ventilator with fixed Louvers Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness.Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x1000mm.									
	Ventilators	Sqm	4	0.6		0.6	1.44			
						Total Executed Quantity	**1.44**	**4157.00**	**5987.0**	
						Tender Quantity	**4.50**			
23	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.									
	Windows	Kgs	12			37.8	453.60			
				21kg per sqm						
	V	Kgs	4			7.56	30.24			
				21kg per sqm						
						Total Executed Quantity	**483.840**	**115.00**	**55642.0**	
						Tender Quantity	**929.25**			
24	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.									
	Hall	Sqm	1	23.4	15.95		373.23			
	Deducation									
	Head Room	Sqm	-1	5.03	3.88		-19.52			
	Colimns	Sqm	-5	0.6	0.3		-0.90			
						Total Executed Quantity	**352.814**			
						Tender Quantity	**306.78**			
						Quantity upto 125%	**352.81**	**1032.00**	**364104.0**	
25	Providing and fixing skirting of 300mm height using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., including cost of all materials, mortar, labour, curing etc., complete as per specification.									
	Skirting									
		m	1	15.95			15.95			
		m	1	10.27			10.27			
		m	2	23.05			46.10			
	Staircase Room	m	2	4.72			9.44			
		m	1	3.88			3.88			
		m	1	0.95			0.95			
	Columns	m	5	1.8			9.00			
	Deduction									
	Door	m	-1	1.52			-1.52			
						Total Executed Quantity	**94.070**			
						Tender Quantity	**61.36**			
						Quantity upto 125%	**76.70**	**871.00**	**66806.0**	
						Quantity above 125%	**17.37**	**869.31**	**15100.0**	

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
26	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms 6mm thick									
Change Room	Sqm	1	6.85	5.56		38.09			
	Sqm	1	10.27	6.85		70.35			
Toilet	Sqm	4	1.35	1.64		8.86			
Skirting									
	Sqm	1	10.27		0.1	1.03			
	Sqm	1	6.85		0.1	0.69			
	Sqm	1	5.56		0.1	0.56			
	Sqm	1	6.85		0.1	0.69			
	Sqm	2	1.66		0.1	0.33			
	Sqm	2	3.04		0.1	0.61			
Deducation									
Toilet	Sqm	-2	3.04	1.61		-9.79			
Doors	Sqm	-4	0.75		0.1	-0.30			
					Total Executed Quantity		**111.096**			
					Tender Quantity		**98.24**			
					Quantity upto 125%		**111.10**	**1387.00**	**154090.0**	
27	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms									
Bathroom	Sqm	4	5.35		2.05	43.87			
					Total Executed Quantity		**43.87**	**1870.00**	**82037.0**	
					Tender Quantity		**184.21**			
28	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification									
Truss calculation	Kgs	From Truss Calculation Sheet				23620.21			
					Total Executed Quantity		**23620.21**	**132.60**	**3132040.0**	
					Tender Quantity		**30289.90**			
29	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. with all lead and lift and directions of the Engineer-In-charge of the work									
	Sqm	1	30		16.6	498.00			
	Sqm	1	1.3		16.6	21.58			
Triangle Portion	Sqm	1			9.96	9.96			
			0.5*16.6*1.2=9.96							
					Total Executed Quantity		**529.540**	**794.00**	**420455.0**	
					Tender Quantity		**563.01**			
30	Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coated ocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete.									
Structural Glazing									
East Side									
	Sqm	1	1.7		3.5	5.95			
	Sqm	1	5.5		3.5	19.25			

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MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Sqm	1	5.12		3.5	17.92			
		Sqm	1	1.45		3.5	5.08			
	North Side									
		Sqm	1	23.05		3.5	80.68			
		Sqm	1	6.5		3.5	22.75			
						Total Executed Quantity	**151.620**			
						Tender Quantity	**103.80**			
						Quantity upto 125%	**129.75**	**7623.00**	**989085.0**	
						Quantity above 125%	**21.87**	**7619.95**	**166649.0**	
31	Providing and fixing of Door locking arrangements(page XV,item no 392)									
		Each	2				2.00			
						Total Executed Quantity	**2.00**	**583.00**	**1166.0**	
						Tender Quantity	**11.00**			
32	Providing and fixing of Handles powder coated 150mm(page XV,item No,388)									
		Each	2				2.00			
						Total Executed Quantity	**2.00**	**53.00**	**106.0**	
						Tender Quantity	**33.00**			
33	Providing and fixing of Hinges 5" heavy duty(Page No.XV,item No390)									
		Each	15				15.00			
						Total Executed Quantity	**15.00**	**33.00**	**495.0**	
						Tender Quantity	**33.00**			
34	Providing and fixing of Hold fasts MS (Page No XV, item No 391)									
		Each	4				4.00			
						Total Executed Quantity	**4.00**	**34.00**	**136.0**	
						Tender Quantity	**44.00**			
35	Providing and fixing of Tower bolt 300mm long(page No,XVI, item No 407)									
		Each	7				7.00			
						Total Executed Quantity	**7.00**	**107.00**	**749.0**	
						Tender Quantity	**22.00**			
36	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes									
		m	4	8			32.00			
		m	3	4			12.00			
		m	1	35			35.00			
		m	2	8			16.00			
						Total Executed Quantity	**95.00**	**167.00**	**15865.0**	
						Tender Quantity	**125.00**			
37	Providing white vitreous china clay Indian pattern squatting urinals with white glazed foot rests of approved quality and make conforming to ISI specifications and fixing in Position with M-15 as directed of size 50.8 cms X 38 cms X 10.16 cms - A Grade (Rate includes cost of all materials and conveyance to work spot). (P.No. 88, I.No. 12.110 of PWD SR 2015-16)									
	Item not operated									
38	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms									
		Each	6				6.00			
						Total Executed Quantity	**6.00**	**326.00**	**1956.0**	
						Tender Quantity	**8.00**			
39	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.									
		Each	6				6.00			
						Total Executed Quantity	**6.00**	**326.00**	**1956.0**	
						Tender Quantity	**8.00**			
40	KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3									
		Each	10				10.00			
						Total Executed Quantity	**10.00**	**270.00**	**2700.0**	
						Tender Quantity	**10.00**			

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MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
41	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11									
		Each	2				2.00			
						Total Executed Quantity	**2.00**	**3604.00**	**7208.0**	
						Tender Quantity	**3.00**			
42	KSRB 12.5:-Providing and fixing white vitreous china clay ,water closet European type (Pedestal type P-trap) with solid plastic seat and lid CP brass hinges rubber buffers 10Ltr low level P.V.C flushing cistern (all are approved make)with fittings C.I/M.S bracket.40mm diameter flush bend with fittings and clamps ,overlap,over flow arrengement with specialand 25mm mosquito proof coupling of approved design painting of fitting and brackets cuttingand making good all the wall floor wherver required ,including cost of all materials labour complete as per specification									
		Each	4				4.00			
						Total Executed Quantity	**4.00**	**5673.00**	**22692.0**	
						Tender Quantity	**4.00**			
43	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia									
		m	4	11.4			45.60			
		m	4	0.2			0.80			
		m	4	0.3			1.20			
		m	4	0.4			1.60			
						Total Executed Quantity	**49.200**	**1433.00**	**70504.0**	
						Tender Quantity	**75.00**			
44	KSRB12.43:- Providing and fixing 1500x450mm dia rectangular shape mirror with plastiv moulded frame of approved make and shades with 6mm thick hard board backing incul;ding cost of materilas labour complete as per specification									
	Item not operated									
45	Supply and Installation of Treadmills of Speed: 0.5 ~ 25km / h (0.3 ~ 15mi /h), AC3Hp (10.5Hp max) Power of the motor. Incline Rate : 0% ~ 16%. Input power : 120V or 220V, 50Hz~60Hz Features : self tracking roller, antiskid grippers, USB socket, shock absorption system, convenience function, wireless mobile recharger , wireless heart measurement, pre-lubricated deck, Running area W530 X L1600mm (21"x63"), maximum user weight 200kgs.Display info : time, distance, calorie, speed, incline, heart rate. Inclusive of All Taxes and Transportation Charges									
		No	1				1.00			
						Total Executed Quantity	**1.00**	**719630.00**	**719630.0**	
						Tender Quantity	**1.00**			
46	Supply and Installation of Bike of BH H775 of Technical specifications:-resistance level: 8 levels, no-friction magnetic resistance. power : 1.5 volts x 2, aa size battery. fly wheel : 5 kgs precision balanced Drive system : center design drive, super silent poly-v belt driven. Pedals : self balanced with adjustable straps. Seat : ergonomically designed easy seat with flex back cushion contoured for lumbar support with horizontal slide adjustment Handle bars : side handle bar with contact heart rate sensor and u bar style front Handle. display : lcd display, single window computerized console. Display : multi read out instantly displays time, speed, distance, calories, pulse, odo and scan. user weight : 100 kgs .Frame structure : extra sturdy and stable steel frame construction for maximum durability and stability, frame to be finished with proprietary two coat powder process. Inclusive of All Taxes and Transportation Charges									
		No	1				1.00			
						Total Executed Quantity	**1.00**	**280510.00**	**280510.0**	
						Tender Quantity	**1.00**			
47	Supply and Installation of Rowing of Inspire Fitness Cross Rower : Heavy-duty steel COLOR-Matte black, chrome & red FINISH Electrostatic powder coat FLYWHEEL 30 lbs (14 kgs) with silent drive chain RESISTANCE SYSTEM Magnetic Display - LCD touch panel (6V, 4D size batteries) BLUETOOTH Ready to connect to heart rate monitoring devices BUILT-IN Tablet, water & personal item storage Tilt upright, on front end to store MAX USER WEIGHT 300 lbs (136 kgs) WARRANTY Residential: Limited 10y frame, 3y parts, 1y labor; Light Commercial: 10y frame, 2y parts, 1y labor; Full Commercial: 5y frame, 1y parts, 6m labor DIMS (W X L X H) 35 in x 76 in x 44 in (89 cm x 193 cm x 112 cm) W									
		No	1				1.00			
						Total Executed Quantity	**1.00**	**293726.00**	**293726.0**	
						Tender Quantity	**1.00**			

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Gym Room above existing Swimming Pool Office Building and other developmental works in Allalasandra Ward No.04 Yelahanka Satellite Town

MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
48	Supply and Installation of Lexco Seated Chest Press : Product size: W1,437 ◆ L1,430 ◆ H1,940mm (56.6 "◆ 56.3" ◆ 76.4 ") Weight: 282kg (622lb) block weight: 100kg (220lb) Material: involute pipe 50 X 105 3.0T outer cover : ABS material double sided block cover urethane foam (memory foam) sheet Characteristic Improved muscle handle angle implementing the shrinkage start bar to control the movement start position to expand the range of motion step 10 the gas spring absorber + rack gear type elevator saddle ABS material covers both sides of the block. Inclusive of All Taxes and Transportation Charges									
	Item not operated									
49	Supply and Installation of Lat Pull Specifications Dimensions : W1.095 x L1,615 X H2,242 mm (43.1"x63.6"x88.3") Product Weight : 255Kg (562lb) Stack Weight : 100kg (220lb) Features Height adjustable thigh pads providing stability Greater feeling of thigh pad grips ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charge									
		No	1				1.00			
						Total Executed Quantity	**1.00**	**369317.00**	**369317.0**	
						Tender Quantity	**1.00**			
50	Supply and Installation of Smith Machine of Specifications Dimensions : W1.844 x L1,350 X H2,230 mm (72.6"x53.2"x87.8") Product Weight : 188Kg (415lb) Features Rotating handle bar helping exercise start/stop 10kg of weight helping user's exercise 12 racking positions and 4 plate storage horns Improved feeling of 10kg dual weight clapper. Inclusive of All Taxes and Transportation Charges									
		No	1				1.00			
						Total Executed Quantity	**1.00**	**397826.00**	**397826.0**	
						Tender Quantity	**1.00**			
51	Supply and Installation of Assisted Chin/Dip of Specifications Dimensions : 1,137×L1,318×H2,273mm (44.7×51.8"×89.4"") Product Weight : 256kg (564lb) Stack Weight : 75kg (165lb) Features Rotating handles allow users of all the size Dual chinning handles providing variety of exercise Knee pads designed for easy start and finish of workout ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charges									
	Item not operated									
52	Supply and Installation of Arm Curl of Specifications Dimensions : W1.410 x L1,080 X H1,506 mm (55.5"x42.5"x59.3") Product Weight : 226Kg (498lb) Stack Weight : 75kg (165lb) Features Much improved handle angle for muscle contraction Separately moving handles Comfortable start/stop handles ABS material both-side stack cover Elbow pads for stability 10-steps gas shock absorber type seat position adjustment. Inclusive of All Taxes and Transportation Charges									
	Item not operated									
53	Supply and Installation of Abdominal of Specifications Dimensions : W1.284 x L1,246 X H1,506 mm (50.6"x49.1"x59.3") Product Weight : 237Kg (523lb) Stack Weight : 100kg (220lb) Features Elbow pads and large handles providing stabilization 10-steps gas shock absorber type seat position adjustment ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charges									
	Item not operated									
54	Supply and Installation of Elliptical of Resistance Level: 20 Levels, Power Requirements : 120 volts, Set up height : 4, 10 Workout Programs :Manual, random, interval, custom interval, 10K Features : Heart rate monitoring, space-efficient footprint, patented Multi Grip handlebars, water bottle holder, Workout boosters X-Mode, Arm Blaster, Glute Kicker, Dedicated logic programming, quick start, auto quick start, cool down, heart logic intelligence, wireless & Digital heart rate, Heart rate-controlled programs, maximum user weight 180kgs. Inclusive of All Taxes and Transportation Charges									
		No	1				1.00			
						Total Executed Quantity	**1.00**	**286384.00**	**286384.0**	
						Tender Quantity	**1.00**			
55	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm …. etc. as required.25mm (P.N0 3,1.8.2)									
	Conduits	m	6	15.95			95.70			
		m	2	10.2			20.40			
		m	2	23.4			46.80			
		m	2	18.52			37.04			
		m	3	13.9			41.70			
		m	1	7.25			7.25			
		m	2	6			12.00			
		m	2	3.24			6.48			
		m	2	4.88			9.76			
		m	2	5.4			10.80			
		m	2	3.9			7.80			
	Drops									
		m	5	1			5.00			
		m	1	0.4			0.40			

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MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		m	2	2			4.00			
		m	1	0.5			0.50			
		m	1	1.5			1.50			
						Total Executed Quantity	**307.130**			
						Tender Quantity	**300.00**			
						Quantity upto 125%	**307.13**	**27.00**	**8293.0**	
56	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A Short point upto 3Mtr from tapping point to out let via switch (P No 5 ; I No 2.3.1)									
		Each	20				20.00			
						Total Executed Quantity	**20.00**	**152.00**	**3040.0**	
						Tender Quantity	**30.00**			
57	Medium point above 3M. upto 6M from tapping point to out let via switch (P No 5 ; I No 2.3.2)									
	Item not operated									
58	Long point above 6Mtr. upto 10M from tapping point to out let via switch (P No 5 ; I No 2.3.3)									
		Each	24				24.00			
						Total Executed Quantity	**24.00**			
						Tender Quantity	**10.00**			
						Quantity upto 125%	**12.50**	**354.00**	**4425.0**	
						Quantity above 125%	**11.50**	**375.00**	**4313.0**	
59	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A.1.5 sqmm (P.No. 6, I.No.2.5.2)									
		Mtr	20	3	3		180.00			
						Total Executed Quantity	**180.00**	**19.00**	**3420.0**	
						Tender Quantity	**200.00**			
60	2.5 sqmm (P.No. 6, I.No.2.5.3)									
		Mtr	29	3	6		522.00			
						Total Executed Quantity	**522.00**	**30.00**	**15660.0**	
						Tender Quantity	**600.00**			
61	4 sqmm (P.No. 6, I.No.2.5.4)									
		Mtr	24	3	10		720.00			
						Total Executed Quantity	**720.00**	**44.00**	**31680.0**	
						Tender Quantity	**1000.00**			
62	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3Way(P.NO 15,3.5.1)									
	Item not operated									
63	4-5Way(P.NO 15,3.5.2)									
		Nos	8				8.00			
						Total Executed Quantity	**8.00**	**103.00**	**824.0**	
						Tender Quantity	**8.00**			
64	8Way(P.NO 15,3.5.4)									
		Nos	2				2.00			
						Total Executed Quantity	**2.00**	**148.00**	**296.0**	
						Tender Quantity	**4.00**			
65	10-12Way(P.NO 16,3.5.5)									
		Nos	3				3.00			
						Total Executed Quantity	**3.00**	**168.00**	**504.0**	
						Tender Quantity	**12.00**			
66	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. 1 to 3 Module(P.NO 16,3.6.1)									
	Item not operated									
67	4 Module(P.NO 16,3.6.2)									
		Nos	6				6.00			
						Total Executed Quantity	**6.00**	**129.00**	**774.0**	
						Tender Quantity	**6.00**			

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MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
68	8 Module(P.NO 16,3.6.4)									
		Nos	2				2.00			
						Total Executed Quantity	**2.00**	**212.00**	**424.0**	
						Tender Quantity	**12.00**			
69	12 Module(P.NO 16,3.6.6)									
		Nos	3				3.00			
						Total Executed Quantity	**3.00**	**283.00**	**849.0**	
						Tender Quantity	**20.00**			
70	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A 6Amps one way.(P.NO 16,3.7.1)									
		Nos	68				68.00			
						Total Executed Quantity	**68.00**			
						Tender Quantity	**15.00**			
						Quantity upto 125%	**18.75**	**66.00**	**1238.0**	
						Quantity above 125%	**49.25**	**70.00**	**3448.0**	
71	6Amps two way.(P.NO 16,3.7.2)									
	Item not operated									
72	6Amps 3way socket.(P.NO 16,3.7.3)									
		Nos	10				10.00			
						Total Executed Quantity	**10.00**	**100.00**	**1000.0**	
						Tender Quantity	**15.00**			
73	Stepped Fan Regulator.(P.NO 16,3.7.4)									
		Nos	7				7.00			
						Total Executed Quantity	**7.00**			
						Tender Quantity	**4.00**			
						Quantity upto 125%	**5.00**	**303.00**	**1515.0**	
						Quantity above 125%	**2.00**	**290.00**	**580.0**	
74	16Amps one way switch .(P.NO 16,3.7.7)									
	Item not operated									
75	6/16Amps universal socket.(P.NO 16,3.7.10)									
		Nos	10				10.00			
						Total Executed Quantity	**10.00**	**155.00**	**1550.0**	
						Tender Quantity	**12.00**			
76	2' -14 watts (P No 25 ; I No 4.29.1)									
		Nos	31				31.00			
						Total Executed Quantity	**31.00**			
						Tender Quantity	**8.00**			
						Quantity upto 125%	**10.00**	**636.00**	**6360.0**	
						Quantity above 125%	**21.00**	**625.00**	**13125.0**	
E1	KSRB 4-6.5 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for olumns,Pillers,posts and truts, square /rectangle/polygon in plan including cost of all materials,labour complete as per specification specification no KBS 4.6.2									
	Rectangle Column									
	C4	Sqm	1	1.8		2.85	5.13			
	C5	Sqm	2	1.8		4.05	14.58			
	C8	Sqm	2	1.8		4.05	14.58			
	C9	Sqm	5	1.8		4.05	36.45			
	C10	Sqm	3	1.8		4.05	21.87			
	C11	Sqm	2	1.8		4.05	14.58			
						Total Executed Quantity	**107.19**	**522.28**	**55983.0**	
E2	KSRB 4-6.6 Providing, fixing and removing of formwork, Centering, shuttering and scaffolding for Columns, Pillers,posts and struts, circularor curved includingcost of all materials,labour complete as per specification specification no KBS 4.6.2									
	Circular Column									
	C1	Sqm	3	0.94		4.35	12.30			
	C2	Sqm	1	0.94		4.35	4.10			
	C3	Sqm	2	0.94		4.35	8.20			
						Total Executed Quantity	**24.60**	**1045.70**	**25723.0**	

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MODIFIED ESTIMATE

Sl No.	Description of Item	Unit	No	Length (m)	Breadt (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
E3	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22									
		Nos	2				2.00			
						Total Executed Quantity	**2.00**	**7820.38**	**15641.0**	
E4	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system: 48" sweep (1200mm)									
		Each	7				7.00			
						Total Executed Quantity	**7.00**	**2194.50**	**15362.0**	
E5	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight rick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogonated FR grade mineral based polymer core (2 hrs fire resistance as per ASTM E119-12 & clause B, S1, do as per BS476 EN 13501) sandwiched between 0.50mm skin thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary rods etc., complete.									
	East Side									
	Bottom Face	Sqm	1	16.4	0.75		12.30			
	Vertical	Sqm	1			12.3	12.30			
				Triangle Portion 0.5*16.4*1.5						
	Horizontal	Sqm	1	16.7	1.5		25.05			
	Columns	Sqm	3	3.95	1.5		17.78			
		Sqm	1	3.75	1.2		4.50			
	North Side	Sqm	1	30	1.8		54.00			
		Sqm	1	0.8	1.8		1.44			
	Columns	Sqm	1	3.6	0.85		3.06			
		Sqm	1	3.6	0.65		2.34			
						Total Executed Quantity	**132.765**	**4512.64**	**599121.0**	
E6	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.									
	First Floor									
	Window	Sqm	12	1.2		1.5	21.60			
	V	Sqm	4	0.6		0.6	1.44			
	Ground Floor									
	W	Sqm	4	2		1.5	12.00			
	W1	Sqm	1	2.5		1.5	3.75			
	V	Sqm	9	0.88		0.55	4.36			
	V1	Sqm	6	0.65		0.56	2.18			
	Near Door	Sqm	4	0.52		2.1	4.37			
	Compound Wall Grills									
	South Side	Sqm	1	30		1.54	46.20			
		Sqm	1	19.25		1.54	29.65			
	East Side									
		Sqm	1	11.7		1.54	18.02			
	Gate	Sqm	1	6.65		2.84	18.89			
	Door	Sqm	2	3.8		2.57	19.53			
		Sqm	2	1.36		2.25	6.12			
						Total Executed Quantity	**188.099**	**107.73**	**20264.0**	
E7	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.									
	MD	Sqm	2	2.37		2.09	9.91			
	D	Sqm	2	1.2		2.1	5.04			
	D1	Sqm	2	1.18		2.08	4.91			
						Total Executed Quantity	**19.86**	**110.00**	**2185.0**	

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E8	Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25 mm length. (width upto 500-600 mm only),to be fixed over the existing purlins, rafters, channels and trusses.									
	Sqm	1	32	1		32.00			
	Ridge Sqm	2	30.8	0.6		36.96			
	Gutter				**Total Executed Quantity**		**68.96**	**755.92**	**52129.0**	
E9	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member									
	m	2	5.7			11.40			
					Total Executed Quantity		**11.40**	**412.32**	**4701.0**	
E10	Providing and fixind of factory made 30mm P.V.C rigid foam PANEL DOORS made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, beeding on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity									
	Sqm	2	0.9		2.4	4.32			11875.0	
					Total Executed Quantity		**4.32**	**2748.82**		
								Total Amount	13000063.00	13000063
								GST @ 18%	2340012.00	2340012
								Grand Total Amount	15340075.00	15340075

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Executive Engineer
Project Division
BBMP
Yelahanka Zone
BBMP, Bangalore-92

Technical Sanction
Accorded For Rs 153,40,075.00
Head of A/c P3693 30/11/22
CER NO: 39 Dt:

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